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(71) Applicant (for all designated States except US): KONIN-  
KLJKE PHILIPS ELECTRONICS N.V. [NL/NL];  
Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) Inventor; and

(75) Inventor/Applicant (for US only): STEER, William, A.  
[GB/GB]; Philips Intellectual Property & Standards, Cross  
Oak Lane, Redhill, Surrey RH1 5HA (GB).

(74) Agent: TURNER, Richard, C.; Philips Intellectual Prop-  
erty & Standards, Cross Oak Lane, Redhill, Surrey RH1  
5HA (GB).

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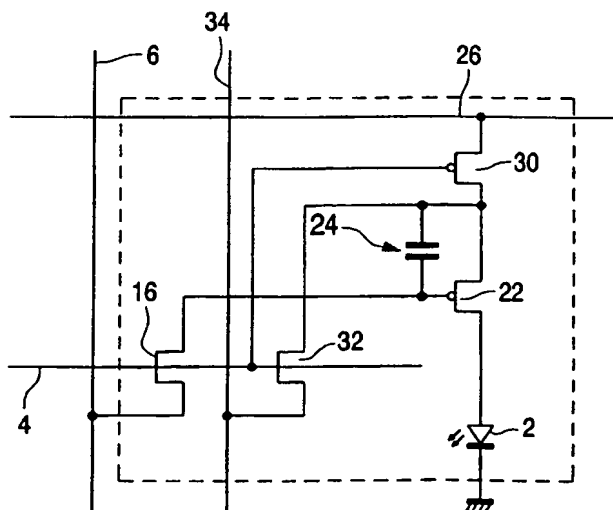
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For two-letter codes and other abbreviations, refer to the "Guid-  
ance Notes on Codes and Abbreviations" appearing at the begin-  
ning of each regular issue of the PCT Gazette.

(54) Title: ELECTROLUMINESCENT DISPLAY DEVICES



(57) Abstract: An active matrix electroluminescent display device comprises an array of display pixels. In each pixel, a first switch connects power from a power supply line to the display element and a second switch routes current from a current-measurement supply line to the display element. The gate voltage applied to a drive transistor is controlled by a feedback system, such that control voltage is controlled in closed loop manner to achieve the desired current. The control voltage can then be used for subsequent addressing of the pixel.

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## INTERNATIONAL SEARCH REPORT

International Application No.  
PCT/IB 03/04136

A. CLASSIFICATION OF SUBJECT MATTER  
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According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 1 221 686 A (LG ELECTRONICS INC) 10 July 2002 (2002-07-10) abstract; figures 2,3,5 paragraphs '0032!-'0042!, '0046!-'0054!, '0059!-'0067! ----	1-15
X	US 2001/024186 A1 (ATHERTON JAMES HAROLD ET AL) 27 September 2001 (2001-09-27) figures 10,13 paragraphs '0103!-'0107!, '0111! ----	1-5, 10-15
A	GB 2 360 870 A (SEIKO EPSON CORP) 3 October 2001 (2001-10-03) the whole document ----	1-15
A	US 6 091 203 A (SASAKI HIROSHI ET AL) 18 July 2000 (2000-07-18) the whole document -----	1-15

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Fulcheri, A

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Information on patent family members

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